CONTENTS OF VOLUME XIII

Number 1, January 1954

Dedication. Israel Strauss, M.D., New York, N. Y. iii

In Memoriam. Arthur Weil, M.D., New York, N. Y. v

Conversations with Joseph H. Globus—An Unwritten Editorial. Rudo S. Globus, M.A., New York, N. Y. ix

Mechanisms of Apoplexy as Determined by Clinical and Pathological Correlation. Raymond D. Adams, M.D., Boston, Mass. 1

The Dandy-Walker Syndrome or the So-Called Atresia of the Foramen Magendie. Clemens E. Benda, M.D., Waverley, Mass. 14

Subependymal Glomerate Astrocytomas. Frederick C. Boykin, M.D., David Cowen, M.D., Christopher A. J. Iannucci, M.D., and Abner Wolf, M.D., New York, N. Y. 30

Pallido-Pyramidal Disease. Charles Davison, M.D., New York, N. Y. 50

Neuropathologic Variations in Experimental Allergic Encephalomyelitis (Hemorrhagic Encephalomyelitis, Perivenous Encephalomyelitis, Diffuse Encephalomyelitis, Patchy Gliosis). Armando Ferraro, M.D., and Leon Roizin, M.D., New York, N. Y. 60

Changes in Behavior Following Lobotomy. The Malamud Rating Scale. Walter Freeman, M.D., Washington, D. C. 90

Spongioneuroblastoma and Tuberous Sclerosis. George A. Jervis, M.D., Thiells, N. Y. 105

Malformation of the Forebrain with Comments on the So-Called Dorsal Cyst, the Corpus Callosum and the Hippocampal Structures. B. W. Lichtenstein, M.D., and J. E. Maloney, M.D., Chicago, Ill. 117

Diffuse Cerebrospinal Gliomatosis Masked by Syphilis. M. T. Moore, M.D., Philadelphia, Pa. 129

Lesions of the Human Brain Following Circulatory Arrest. Karl T. Neuberger, M.D., Denver, Colorado 144

Metachromasia in the Nervous System. Charles R. Noback, Ph.D., New York, N. Y. 161

Peripheral Neuropathy and Connective Tissue Disease. R. B. Richter, M.D., Chicago, Ill. 168

The Histopathology of Wilson's Disease. A Study with Silver Carbonate. K. Scharenberg, M.D., and A. L. Drew, M.D., Ann Arbor, Michigan 181

The Effect of Hypothalamic Lesions upon Body Temperature Maintenance in the Albino Rat while in Cold Environments. C. Sherwood, B.A., M.S., L. C. Massopust, Ph.D., W. R. McCrum, Ph.D., and A. R. Buchanan, M.D., Denver, Colorado 191

Technical Note. A Roentgen Technique for Demonstrating Radio-Opaque Deposits in Brain Tissue Slices. U. T. Slager, M.D., J. A. Wagner, M.D., and L. Basham, R.T., Baltimore, Maryland 209

Pain Reactions Upon Stimulation of the Tectum Mesencephali. E. A. Spiegel, M.D., M. Kletzkin, M.S., and E. G. Szekely, V.M.D., Philadelphia, Pa. 212

Morphology of Spirochaeta Myelophthora in Multiple Sclerosis. Gabriel Steiner, M.D., Detroit, Michigan 221

A Case of Subacute Inclusion Encephalitis Studied by the Metallic Methods. J. M. Van Buren, M.D., Montreal, Canada 230

The Pathology and Pathogenesis of Cerebral Aneurysm. A. E. Walker, M.D., and G. W. Allegre, M.D., Baltimore, Maryland 248

Post-Operative Seeding of the Subarachnoid Space and Ventricles from a Meningioma. N. W. Winkelman, M.D., Philadelphia, Pa. 260
Paraplegia in Flexion of Cerebral Origin. Paul I. Yakovlev, M.D., Boston, Mass. 267

Number 2, April 1954

Intrathecal Injection and Cortical Application of Chloramphenicol—An Experimental Study with a Review of the Local Action of Antibiotics on the Central Nervous System. John W. Hanbery, M.D., and Cosimo Ajmone-Marsan, M.D., Montreal, Canada 297
Microcephaly with Extensive Calcium Deposits and Demyelination. George A. Jervis, M.D., Thiells, N. Y. 318
Nigropallidal Encephalomalacia in Horses Associated with Ingestion of Yellow Star Thistle. D. R. Cordy, D.V.M., Ph.D., Davis, California 330
The Thalamic Pathology of Amaurotic Family Idiocy. A Contribution to the Cytology of the Thalamus. Lionel H. Lemieux, M.D., Quebec, Canada 343
Behaviour of the Sex Chromatin During Axon Reaction. Yvonne F. Crouch, M.D., and Murray L. Barr, M.D., London, Ontario 353
Quantitative Evaluation of the Metabolic Variations in the Spinal Motor Root Cells, Studied by Biophysical Method and Following Adequate Stimulation (Muscular Fatigue). Action on Metabolism of Vitamin B_{12}. Guiseppe Gomirato, M.D., Torino, Italy 359
An Unusual Congenital Anomaly of the Brain. Agenesis of the Corpus Callosum, Absence of the Septum Pellucidum, and Fusion of the Cerebral Hemispheres. William H. Mosberg, Jr., M.D., and Harold C. Voris, M.D., Chicago, Ill. 369
The Pathology of the Blood Vessels in Multiple Sclerosis. Giorgio Macchi, M.D., Parma, Italy 378
Diffuse Spinal-Meningeal Metastasis from Paranasal Carcinoma. Alfred Plaut, M.D., Topeka, Kansas 385
American Association of Neuropathologists, Annual Meeting, Atlantic City, N. J. 391
Book Review 405

Number 3, July, 1954

The Organization of the Cerebral Cortex. I. Introduction and Methodology. Berry Campbell, Ph.D., Minneapolis, Minnesota 407
Mucus-Secreting Cells in Colloid Cysts of the Third Ventricle. William H. Mosberg, Jr., M.D., Baltimore, Md., and William Blackwood, F.R.C.S.E., London, England 417
A Study of Metal Ions in the Central Nervous System. I. Preliminary Considerations. William H. Harris, B.S., Joseph A. Beauchemin, M.D., Herbert M. Hershenson, Ph.D., Sidney H. Roberts, M.A., and George Matsuyama, Ph.D., Middletown, Connecticut 427
Distribution Studies on Intrathecally Injected Radioactive Colloidal Gold in Cats: Therapeutic Implications for the Medulloblastoma and other Tumors with Meningeal Metastases. Fred D. Fowler, M.D., James C. Gammill, M.D., and John Martin, M.D., Washington, D. C. 435
Metastatic and Primary Intracranial Tumors of the Adult Male. K. M. Earle, M.D., Galveston, Texas 448
Metastatic Dysgerminoma of the Central Nervous System. A Case Report with Review of the Literature. Fuad S. Haddad, M.D., and Gordon S. Dugger, M.D., Montreal, Canada 455

Marked Electrocardiographic Changes Produced by Experimental Head Trauma. Sherwood A. Jacobson, M.D., and Philip Danufsky, M.D., Brooklyn, N. Y. 462
Fusiform Swellings on the Terminal Portions of Peripheral Nerves. Harry W. Daniell, M.D., New York, N. Y. 467
Experimentally Produced Red Softening of the Brain. C. Facio, M.D., and U. Sacchi, M.D., Genoa, Italy 476
The Pineal Gland in Old Age. Silvano Arieti, M.D., New York, N. Y. 482
Comparison of General Paresis and Multiple Sclerosis in Regard to the Etiological Agent. Gabriel Steiner, M.D., Detroit, Michigan 492
Abnormal Mitotic Figures in Post-Vaccinal Encephalitis. Ernst de Vries, M.D., Utrecht, Holland 497
Marchiafava-Bignami's Disease. Report of a Second Case in Native-Born Americans. Walther Riese, M.D., Granville L. Jones, M.D., E. Beamer-Maxwell, M.D., and Henry E. Davis, M.D., Richmond, Virginia 501
Obituary 505
Book Reviews 506

Number 4, October 1954

Relationship of Neuropathology to Neurology, Psychiatry and Pathology. A. Ferraro, M.D., New York, N. Y. 509
The Cerebellar Projection of the Peri-Hypoglossal Nuclei (Nucleus Intercalatus, Nucleus Praepositus Hypoglossi and Nucleus of Roller) in the Cat. Ansgar Torvik, M.D., and Alf Brodal, M.D., Oslo, Norway 515
Patterns of Vascular Failure in the Central Nervous System. Fred A. Mettler, M.D., Ph.D., Sc.D., Irving Cooper, M.D., Ph.D., Henry Liss, M.D., Malcolm Carpenter, M.D., and Charles Noback, Ph.D., New York, N.Y. 528
Tumors of the Pineal Region. N. Ringertz, M.D., H. Nordenstam, M.D., and G. Flyger, M.D., Stockholm, Sweden 540
Cerebral Involvement with Advanced Periventricular Calcification in Generalized Cytomegalic Inclusion Disease in the Newborn. A Clinicopathological Report of a Case Diagnosed During Life. Webb Haymaker, M.D., Washington, D. C., Bertram R. Girdany, M.D., Pittsburgh, Pa., Josephine Stephens, M.D., Pittsburgh, Pa., Ralph D. Lillie, M.D., Bethesda, Md., and George H. Fetterman, M.D., Pittsburgh, Pa. 562
Modification of the Glees Silver Impregnation for Paraffin Sections. T. A. Marsland, F.I.M.L.T., P. Glees, M.D., Ph.D., and L. B. Erikson, B.A., Oxford, England 587
Histopathology of Catatonic States. A Study with Silver Carbonate. K. Scharenberg, M.D., Ann Arbor, Michigan, and Earle O. Brown, Jr., M.D., Ypsilanti, Michigan 592
Enzymatic Action of Fluids from Cystic Brain Tumors. M. Spiegel-Adolf, M.D., and H. T. Wycis, M.D., Philadelphia, Pa. 601
Book Reviews 608
Index 611